

ABSTRACT OF THE DISCLOSURE

The invention discloses a method for dynamic allocation of slot bandwidth on an exchange. First, the method sets that number of slots for dynamic allocation bandwidth is N and bandwidth needed to be dynamically allocated is B . Secondly; the method defines a minimum allocated bandwidth unit being ΔB , according to requirement. Then, the method sets $B/\Delta B$ pieces of N -selected-one devices on main exchange board. Further, the method allocates the bandwidth B to all N -selected-one devices on the main exchange board, and makes input bandwidth of every N -selected-one device being $N \Delta B$. Finally, the method outputs strobe signal from a control logic chip to control said N -selected-one device, and bandwidth is allocated to the slot. The method, proposed by the invention, makes that bandwidth from service processing board slot to the main exchange board can be dynamically allocated, and bandwidth allocated to each slot is flexible. This high efficiency allocation guarantees that without service blocking, service ports can be flexibly allocated and the valuable upstream bandwidth can be thoroughly used.